

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Neil Alden Armstrong

ORAL HISTORY: 19 September 2001

EDUCATIONAL BACKGROUND:

B.S. in Aeronautical Engineering, Purdue University, West Lafayette, IN, 1955

M.S. in Aerospace Engineering, University of Southern California, Los Angeles, CA, 1970

PRE-NASA EXPERIENCE:

United States Navy

- Aviator, Pensacola Naval Air Station, Florida/Korea (1949-1952)

NACA Lewis Flight Propulsion Laboratory, Cleveland, OH (1955)

- Aeronautical Engineer,

NACA High Speed Flight Station, Edwards Air Force Base, CA (1955-1958)

- Aeronautical Research Pilot

NASA EXPERIENCE:

NASA High Speed Flight Station, Edwards Air Force Base, CA (1958-1962)

- Aeronautical Research Pilot

NASA Manned Spacecraft Center, Houston, TX (1962-1970)

- Astronaut

NASA Headquarters, Washington, D.C. (1970-1971)

- Deputy Associate Administrator for Aerospace, Office of Advanced Research and Technology

POST-NASA EXPERIENCE:

University of Cincinnati, Cincinnati, Ohio (1971-1979)

- Professor, Aerospace Engineering

Presidential Advisory Committee for the Peace Corps (1971-1973)

- Chairman

Cardwell International, Ltd. (1980-1982)

- Chairman of the Board

CTA, Inc. (1982-1992)

- Chairman of the Board

President's Commission of the Space Shuttle *Challenger* Accident (1986)

- Vice-Chairman

National Commission on Space (1985-1986)

- Member

Board of Trustees, Cincinnati Museum of Natural History (Dates Unknown)

- Chairman

The Cincinnati Gas and Electric Co. (Dates Unknown)

- Director

Cincinnati Milacron, Inc. (Dates Unknown)

- Director

The Eaton Corporation (Dates Unknown)

- Director

Gates Learjet Corporation (Dates Unknown)

- Director

Marathon Oil Corporation (Dates Unknown)

- Director

RMI Titanium Company (Dates Unknown)

- Director

Taft Broadcasting Co. (Dates Unknown)

- Director

Thiokol Corporation (Dates Unknown)

- Director

UAL, Inc. (Dates Unknown)

- Director

USX Corporation (Dates Unknown)

- Director

AIL Systems Inc., Long Island, NY (Date Unknown-Present)

- Chairman

MISSIONS:

Gemini VIII (GT-8)

- Crew: Commander Neil A. Armstrong, Pilot David R. Scott
- Launched: 16 March 1966 at 11:41:02 A.M. EST from Cape Canaveral
- Duration: 10 hours, 41 minutes, 26 seconds
- Landed: 16 March 1966 at 10:22:28 P.M. EST in the Pacific Ocean
- Mission Highlights: The primary mission objective of Gemini VIII was to rendezvous and dock with Gemini Agena Target Vehicle (GATV-5003), launched 16 March 1966 from Launch Complex 14 (TLV [Titan Launch Vehicle]-5302), and conduct EVA (Extra Vehicular Activity) operations. Secondary objectives included: Rendezvous and dock in 4th revolution. Successfully performed first manned docking in space. A failed thruster resulted in early termination of mission.

Apollo 11 (AS-506)

- Crew: Commander Neil A. Armstrong, Command Module Pilot Michael Collins, Lunar Module Pilot Edwin E. "Buzz" Aldrin, Jr.
- Launched: 16 July 1969 at 9:32 A.M. EDT from Kennedy Space Center
- Duration: 8 days, 3 hours, 18 minutes
- Landed: 24 July 1969 at 12:50 P.M. EDT in the Pacific Ocean
- Mission Highlights: First manned lunar landing

AWARDS & CITATIONS:

- Explorers Club Medal
- Gold Space Medal, Federation Aeronautique Internationale
- Lions Club Achievement Award (Wapakoneta, Ohio)
- NASA Exceptional Service Medal
- Outstanding City Council Award (Wapakoneta, Ohio)
- United States Navy Air Medal
- United States Navy Gold Star (2)
- Veterans of Foreign Wars Citation (Wapakoneta, Ohio)
- Institute of Aerospace Sciences Octave Chanute Award, 1962
- John J. Montgomery Award, 1962
- AIAA Astronautics Award, 1966
- Presidential Medal of Freedom, 1969
- Kitty Hawk Memorial Award, 1969
- Pere Marquette Medal, Catholic Diocese of Peoria, Illinois, 1969
- Robert J. Collier Trophy, National Aeronautic Association, 1969
- Hubbard Gold Medal, National Geographic Society, 1970
- Arthur S. Fleming Award, 1970
- Harmon International Aviation Trophy, 1970
- Honorary D. Eng. (Doctor of Engineering), Purdue University, 1970
- Honorary D. Eng., Butler University, 1972
- Enshrined, Aviation Hall Of Fame, Dayton, Ohio, 1978
- Congressional Space Medal of Honor, 1978

REFERENCES:

American Men & Women of Science, A Biographical Directory of Today's Leaders in Physical, Biological and Related Sciences, 18th ed. s.v. "Armstrong, Neil A."

Executive Officers: Neil A. Armstrong is the Chairman of AIL Systems Inc., Long Island, New York, AIL Systems Homepage, Online, [http:// www.ail.com/page3.html](http://www.ail.com/page3.html) (22 February 1999 — Accessed).

Neil A. Armstrong, Dryden Flight Research Center Biographical Data Page, Online, <http://www.dfrc.nasa.gov/PAO/PAIS/HTML/bd-dfrc-p001.html> (Last Updated October 1995; Accessed 22 February 1999).

Neil A. Armstrong, Imagination Software Incorporated, Inc. Homepage, Online, <http://www.imagine5.com/bios/Armstrong.html> (Last Updated n.d.; Accessed 22 February 1999).

Neil Armstrong, Rocko's Biography Homepage, Online, <http://www.geocity.com/SouthBeach/Lagoon/7296/neilarmstrong.html> (Last Updated February 1994; Accessed 23 February 1999).

Who's Who in America. 49th ed. s.v., "Armstrong, Neil A."

BIOGRAPHICAL DATA SHEET CREATED: 22 APRIL 1999